

Training and Education

Road Map



The road to success for
**Light Armored Vehicle
Mechanic**
MOS: 2147 to 2149



DRAFT

TRAINING AND EDUCATION CONTINUUM

What is a Training and Education (T&E) Continuum?

T&E Continuums were developed to provide a roadmap for the training and education of Marines in their military occupational specialty (MOS). The goal of the T&E Continuum is to develop the best possible Marine, whether it is a first term or career Marine.

What is a T&E MOS Roadmap?

MOS Roadmaps are just what the name implies – a roadmap through the T&E Continuum from Private through MGySgt/SgtMaj - a roadmap to success in the Marine Corps.

Do I have to follow the Roadmap?

Yes and no. The roadmap has four major sub-areas:

- Skill Progression (MOS)
- Common Skills & Professional Military Education (PME)
- Billet Progression & Unit Training
- Voluntary Education (VoEd)

Some of the training is mandatory, for example entry-level training (Boot Camp, MCT, MOS School, etc...). Some may be directed by your chain of command and some is voluntary. We recommend you find a mentor that can help you along the way, or you can seek assistance from your OIC/SNCOIC. Roadmaps are a guide, but as always there are several ways to get where you want to go.

What does the roadmap do for me?

Two things:

1. Provides you a guide to success as a Marine and towards technical mastery.
2. Provides you with an education that will transfer to civilian life when you decide to leave the Marine Corps.

How do I get started?

You already have. All your training up to this

As we mentioned earlier roadmaps have four major sub-areas that we will briefly explain here.

Skills Progression Training is training that will make you a better Marine in your MOS. It is a combination of formal schools, Marine Corps Institute (MCI) courses, National Standard Certification testing, and civilian education that develops your technical proficiency. It is progressive in that you will learn things as you need them and can apply them to your billet and mission.

Common Skills and PME. This is training that makes you a better Marine. PME requirements are already well established in the Marine Corps. It consists of resident courses, MCIs and required reading. The Corporal's Course, Sergeant's Course, etc... are not mandatory, but it is important for your career and growth as a leader to attend. These courses are designed to teach you what you need to know to be a Cpl or Sgt, so you should attend as soon as, or before, you are promoted.

Billet Assignment and Unit Training is hands-on experience; there is no better training. Billet progression provides you with the opportunity to develop by accepting new, more demanding responsibilities and performing new, more difficult tasks. Unit training as prescribed in the Training & Readiness (T&R) manual focuses on the skills you need to accomplish in your MOS that require a collective effort and aids the commander in preparing his unit for combat operations.

Voluntary Education was designed to provide you an uncomplicated way to complete a degree while making you a better Marine. The three major considerations of the VoEd roadmap was class availability (especially while deployed), use of free electives, and education required as you progress in rank and billet assignments.

Private - PFC

— 1st —
Year



2147 Road Map

SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE Recommended Credit

- LAV Basic Course⁽¹⁾ (MC-1710-0049) 3 SH Heavy Eqpt Maint
- MCI (1321) Diesel Engines⁽¹⁾ (MC-1712-0010) 2 SH Diesel Engines
- MCI (0338) LAV Crewman⁽¹⁾ (MC-1710-0055) 3 SH

COMMON SKILLS TRAINING / PME

ACE

Enroll Uniformed Services Military Apprenticeship

- Program (USMAP) (0023M) or (0124N)⁽¹⁾ (MC-2204-0089) 4 SH (1) PhysFit (2) Marksmanship (1) Orienteering
- Marine Combat Training⁽¹⁾ (MC-2204-0105) 3 SH Military Skills
- MCI (3420E) Personal Financial Mgmt (MC-1401-0009) 1 SH Financial Management
- MCI (0210B) Terrorism for Marines (MC-1606-0010) 1 SH Intro to Terrorism

BULLET ASSIGNMENT / UNIT TRAINING

- Complete Jan-Belt Qualification in MCMAI⁽¹⁾ 0 SH
- Mechanic with Division or FSSG unit
- Complete Military Academic Skills Program (MASP) - if required
- Unit training should focus on the collective events established in the Read 2 Books from the Marine Reading List Training & Readiness Manual for this specific grade

VOLUNTARY EDUCATION

ACE Recommended

Credit

- * College Algebra 3 SH Math
- * Speech 101 3 SH Oral Communications

* Denotes College Courses

⁽¹⁾ Denotes Entry-Level Training

Credit Tally for:
Applied Science "Technical Studies" Associates Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)
(3) * Speech 101		(3) * College Algebra	(3) Hvy Equip Maint (2) Diesel Engines (3) Automotive Funds (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance Mgmt (1) Terrorism
(3) Total	(0) Total	(3) Total	(16) Total

PFC-LCpl

— 2nd Year —



2147 Road Map

SKILL PROGRESSION TRAINING

ACE Recommended Credit

- MCI (3515B) Automotive Brake System (MC-1703-0033) 2
SH Hyd/Pneumatic Brakes
- MCI (359F) Automotive Power Trains (MC-1703-0022) 2
SH Power Train Repair
- MCI (0410B) MIMMS (MC-1717-0011) 0 SH
Complete 1000 hours in USMAP / PME (1000 hours total)

Recommended Credit

- MCI (0033) Fundamentals of M.C. Ldrshp (MC-1406-0023) 1
SH Supervisory management
- MCI (3316E) Basic Nutrition (MC-1729-0041) 1 SH
Nutrition
- Complete Gray Belt Qualification in MCMAP 0 SH

Read 2 books from the Marine Reading List

- Mechanic with LAR, Maintenance or Combat Assault Battalion
- Deploy if possible
- Special duty - LCpls may apply for Marine Security Guard
- Unit training should focus on the collective events established in the Training & Readiness Manual for this specific grade

VOLUNTARY EDUCATION Credit

- * Psychology 101
- * English 101
- * Computer Science

ACE Recommended

- 3 SH Psychology
- 3 SH English
- 3 SH Computer Science

Credit Tally for:

Applied Science “Technical Studies” Associates Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional	
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)	
(3) * Speech 101 (3) * English 101	(3) * Psychology	(3) * College Algebra	(3) Hvy Equip Maint (2) Diesel Engines (3) Automotive Funds (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance Mgmt	(1) Terrorism (2) Hyd Brakes (MCI) (2) Power Trains (MCI) (1) Supervisory Mgmt (1) Nutrition (3) * Computer Science
(6) Total	(3) Total	(3) Total	(25) Total	

LCpl-Cpl

3rd Year



SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE Recommended Credit

- MCI (3525B) Auto Fuel & Exhaust Sys (MC-1703-0031) 2

SH Diesel Fuel Systems

- MCI (3513B) Cooling/Lubrication Sys (MC-1703-0037) 2

SH Lubrication/Cooling

COMMON SKILLS TRAINING / PME ACE Recommended Credit
- Complete an additional 1000 hours in USMAP (2000 hours total)

- Complete the Corporal's Course (Resident) (MC-1405-0051) 4

SH (3) Management (1) Mil Stud

- MCI (3422A) Basic Pay and Allowances (MC-1401-0016) 1

SH Finance

- MCI (001A) Principles Instruction f/NCOs (MC-1406-0028) 3 SH

Instructional Methodology

- MCI (0335C) Infantry Patrolling (MC-2204-0136) 1 SH Physical

BILLET ASSIGNMENT / UNIT TRAINING
Education - Mechanic with LAR, Maintenance or Combat Assault Battalion - at this point you may 0 SH

- Complete Green Belt Qualifications

- Read 2 books from the Marine Reading List
want to submit an AA Form to move from your current unit to a unit performing another

level of maintenance. For example, from LAR to Maintenance Battalion or vice a versa.

- Special Duty - you may apply for Marine Security Guard Duty

- Unit training should focus on the collective events established in the

Training &

VOLUNTARY EDUCATION ACE Recommended Credit

Readiness Manual for this specific grade

* US History I 3 SH History

* Intro to Statistics

3 SH Math

* Political Science

3 SH Political Science

Credit Tally for:

Applied Science "Technical Studies" Associates Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional	
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)	
(3) * Speech 101 (3) * English 101	(3) * Psychology (3) * History I (3) * Political Science	(3) * College Algebra (3) * Intro to Statistics	(3) Hvy Equip Maint (2) Diesel Engines (3) Automotive Funds (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance Mgmt (1) Terrorism (2) Hyd Brakes (MCI) (2) Power Trains (MCI)	(1) Supervisory Mgmt (1) Nutrition (3) Computer Science (2) Auto F&E Systems (2) Lubrication (MCI) (3) Management (1) Military Studies (1) Finance (3) Instructional Methods
(6) Total	(9) Total	(6) Total	(37) Total	

2147 Road Map

Cpl - Sgt

4th Year



SKILL PROGRESSION TRAINING

Recommended Credit

- MCI (3580A) Automotive Eng Maint Engine Repair

(ACE Identifier)

ACE

(MC-1703-0039)

2 SH

- MCI (1343) Diesel Eng Maint/T-shooting

(MC-1712-0007)

0 SH

Complete additional training courses

(3000 hours total)

Recommended Credit

- MCI (8010) Sergeant's DEP Science, (2) Mgmt (1) Lang

(MC-2204-0127)

8 SH (5) Mil

- MCI (028B) Intro to Combat Intelligence Intelligence

(MC-1606-0009)

1 SH

- MCI (0201) Intel Brief: Southwest Asia International Studies

(MC-1511-0001)

2 SH

- Complete Green Belt Instructor Course

(MC-1406-0048)

3 SH

Martial Arts Instructor

BILLET ASSIGNMENT / UNIT TRAINING

- Read 2 books from the Marine Reading List

- Try to move into a maintenance management function such as publications

- If you plan to reenlist you should see your career planner as early as possible

- NCO floor room

- NCO and so on.

- If you plan to get out you must attend TAP classes

- Special duty - as a Sgt you may apply for Drill Instructor, Recruiter or

Marine Security Guard duty.

- Unit training should focus on the collective events established in the

Training & Readiness Manual for this specific grade

* Natural Science Elective W/Lab

* US History II

* Government

ACE Recommended Credit

4 SH Natural Science

3 SH History

3 SH Government

Credit Tally for:

Applied Science "Technical Studies" Associates Degree

Arts and Sciences Electives 30 SH Minimum			Applied Professional	
Humanities	Social Sciences/History	Natural Science/Math	30 SH Maximum a.k.a. (Free Electives)	
(3) * Speech 101 (3) * English 101 (1) Language	(3) * Psychology (3) * History I (3) * Political Science (2) International Studies (3) * History II (3) * Government	(3) * College Algebra (3) * Intro to Statistics (4) * Natural Science Elective W/Lab	(3) Hvy Equip Maint (2) Diesel Engines (3) Automotive Funds (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance Mgmt (1) Terrorism (2) Hyd Brakes (MCI) (2) Power Trains (MCI) (1) Supervisory Mgmt (1) Nutrition	(3) * Computer Science (2) Fuel Systems (MCI) (2) Lubrication (MCI) (3) Management (1) Military Studies (1) Finance (3) Instructional Methods (2) Engine Repair (5) Military Science (2) Management (1) Intelligence (3) Martial Arts Inst
(7) Total	(17) Total	(10) Total	(50) Total	

****This completes requirements for an Associates in Applied Science as prescribed by a SOCMAR School****

2147 Road Map

Sergeant

5th-7th

Year



SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE

Recommended Credit

- Attend the LAV Technicians Course (MC-1710-0050) 4 SH
- (3) Hvy Equip (1) Shop Mgmt
- MCI (0414A) Grnd Maint Mgmt f/Supers Management (MC-1717-0010) 1 SH
- MCI (286G) Fundamentals Digital Logic (MC-1715-0184) 2 SH

COMMON SKILLS TRAINING / PME

ACE

Recommended Credit

- MCI (1112B) Solid State Devices (MC-1715-0132) 2 SH Electronics
- Attend resident Sergeant's Course (MC-2204-0106) 5 SH
- Complete an additional 2000 hours in USMAP (5000 hours total)
- (2) Ldrshp (3) Mil History
- MCI (7100) SNCO Career DEP (MC-2204-0139) 4 SH (3) Military
- Science (1) Ldrshp
- MCI (8017) Weapons (MC-2204-0132) 0 SH (Pre-requisite f/Sgt's Crs)

BULLET ASSIGNMENT / UNIT TRAINING

- MCI (0342G) Operations Guerilla Units (MC-2204-0133) 3 SH
- Maintenance Section Leader at LAR, Maintenance Battalion or Combat Assault Battalion.
- Read 2 books from the Marine Reading List.
- Special duty - as a Sgt or SSgt you may apply for Drill Instructor, Formal School Instructor,

- Recruiter or Marine Security Guard duty.
- Unit training should focus on the collective events established in the

TRAINING & EDUCATION

ACE Recommended

Readiness Manual for this specific grade

- * Technical Writing 3 SH English
- * Life Span Development 3 SH
- Psychology
- * Pre-Calculus 3 SH Math
- * Educational Psychology 3 UL SH
- Psychology
- * Logistics Engineering 3 UL SH Logistics
- * Literature 3 UL SH
- Literature
- * Organizational Behavior 3 SH

Credit Tally for:

Bachelor of Science/Liberal Arts Degree

Arts and Sciences Electives 60 SH Minimum (21 Upper Level)			Applied Professional 60 SH Maximum (9 Upper Level) a.k.a. (Free Electives)		
Humanities	Social Sciences/History	Natural Science/Math			
(3) * Speech 101 (3) * English 101 (1) Language (3) * Tech Writin (3) * UL Literate	(3) * Psychology (3) * History I (3) * Political Science (2) International Studies (3) * History II (3) * Government (3) * Psychology (3) * Educ Psychology (3) * UL Psychology (3) * UL History	(3) * College Algebra (3) * Intro to Statistics (4) * Natural Science Elective W/Lab	(3) Hvy Equip Maint (2) Diesel Engines (3) Automotive Funds (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance Mgmt (1) Terrorism (2) Hyd Brakes (2) Power Trains (1) Super Mgmt (1) Nutrition	(3) * Comp Science (2) Fuel Systems (2) Lubrication (3) Management (1) Military Studies (1) Finance (3) Instructional Methods (2) Engine Repair (5) Mil Science (2) Management (1) Intelligence	(3) Martial Arts (3) Hvy Equip (1) Shop Maint (1) Mgmt (2) Digital Elec (3) Electronics (3) Mil History (3) Mil Science (1) Leadership (3) Mil Science (3) * UL Logistics
(13) Total	(29) Total	(10) Total	(71) Total		

2147 Road Map

8th-13th
Year

Staff Sergeant



SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE

Recommended Credit

- MCI (2100) Advanced Supervisor's Course Yet to be developed
 - MCI (345C) Logistics/Embark Specialist (MC-1408-0030) 1 SH Records Management
 - MCI (301N) Basic Warehousing (MC-1405-0046) 1 SH Physical Distribution
 - MCI (3412) Field Budget Formulation (MC-1401-0011) 1 SH Finance
- Complete an additional 2000 hours (800 hours total)

COMMON SKILLS TRAINING (CST) COURSES

Recommendation Office to finalize apprenticeship documentation)

- Attend SNCO Career Course (Resident) (MC-2204-0074) 9
- SH (6) Mil Stud, (2) Ldrshp
- (1) Physical Fitness

BUDGET ASSIGNMENT / UNIT TRAINING

- MCI (8200) SNCO Advanced DEP (MC-2204-0142) 3 SH Military Science
- Reading 2 books per year from the Marine Reading List
- Maintaining 2 books per year from the Marine Reading List
- Assault Battalion.
- Special duty - as a SSgt you may apply for Drill Instructor, Formal School Instructor,
- Recruiter or Marine Security Guard duty.
- Unit training should focus on the collective events established in the

Training & Readiness

ACE Recommended Credit

- Apply for Degree Completion Program and/or continue with the following courses:

- * Business Writing (EN 306) 3 UL SH Language
- * Ethics 3 UL SH Humanities
- * Social Science/History Elective 3 UL SH Social
- * Science/History
- * Logistics Management 3 UL SH Logistics
- * Natural Science/Math Elective 3 UL SH Natural
- * Science/Math

Credit Tally for:

Bachelor of Science/Liberal Arts Degree

Arts and Sciences Electives 60 SH Minimum (21 Upper Level)			Applied Professional 60 SH Maximum (9 Upper Level)		
Humanities	Social Sciences/History	Natural Science/Math	a.k.a. (Free Electives)		
(3) * Speech 101 (3) * English 101 (1) Language (3) * Tech Writin (3) * UL Literate (3) * UL Langua (3) * UL Humans	(3) * Psychology (3) * History I (3) * Political Science (2) International Studies (3) * History II (3) * Government (3) * Psychology (3) * Educ Psychology (3) * UL Psychology (3) * UL History (3) * UL Soc Sci/Hist	(3) * College Algebra (3) * Intro to Statistics (4) * Natural Science Elective W/Lab (3) * UL Natural Science/Math Elective	(3) Hvy Equip Maint (2) Diesel Engines (3) Automotive Funds (2) Marksmanship (1) Orienteering (3) Military Skills (1) Finance Mgmt (1) Terrorism (2) Hyd Brakes (2) Power Trains (1) Super Mgmt (1) Nutrition (3) * Comp Science (2) Fuel Systems (2) Lubrication	(3) Management (1) Military Studies (1) Finance (3) Instructional Methods (2) Engine Repair (5) Mil Science (2) Management (1) Intelligence (3) Martial Arts (3) Hvy Equip (1) Shop Maint (1) Mgmt (2) Digital Elec	(2) Electronics (3) Mil History (3) Mil Science (1) Leadership (3) Mil Science (3) * UL Logistics (1) Recs Mgmt (1) Phys Dist (1) Finance (6) Mil Studies (2) Leadership (3) Mil Science (3) * UL Logistics (3) * UL Mgmt
(19) Total	(32) Total	(13) Total	(91) Total		

****This completes the requirements for a Bachelor of Science/Liberal Arts as prescribed by a SOCMAR school****

Gunnery Sergeant



13th-18th
Year

SKILL PROGRESSION TRAINING

ACE Recommended Credit

- Attend Ground Ordnance Chief's Course
SH Maint Management

(ACE Identifier)

(MC-1717-0008)

3

COMMON SKILLS TRAINING / PME Credit

- Attend the SNCO Advanced Course
Mil Science (3) Ldrshp

(MC-2204-0076)

13 SH (7)

(2) Phys Fit (1) Public Speaking

- MCI (7400) War fighting Skills (DEP)
Military Studies

(MC-2204-0112)

2 SH

- Read 2 books per year from the Marine Reading List

BILLET ASSIGNMENT / UNIT TRAINING

- Maintenance Chief with Division, FSSG or I&I unit
- Gunnery Sergeants may apply for MSG , Drill Instructor, Recruiter or Formal School Instructor

(check the ACE guide for recommended college credits for these specific special duty billets)

- Unit training should focus on the collective events established in the Training & Readiness

Manual for this specific grade

VOLUNTARY EDUCATION

ACE Recommended Credit

- Listed below are the requirements for a Masters of Science in "Management" degree:
- This roadmap has provided the foundation for entry into a Master's Degree Program, this particular program is available on-line with two weekend residency requirements.
- Recommend application to an Advanced Degreed Completion program, however, if not selected, this degree offers the greatest flexibility that we have found.

- * Organizational Theory and Behavior
Management

6 GL SH

- * Human Resource Management

3 GL SH Management

- * Economic Issues in Organizations

3 GL SH Management

- * Organizational Research
Management

3 GL SH

- * Organizational Management and Leadership I
Management

3 GL SH

- * Organizational Management and Leadership II
Management

3 GL SH

- * Finance and Accounting for Managers
Management

3 GL SH

- * Professional Leadership Development I (residency)
Management

1 GL SH

****This completes the requirements for a Masters of Science in "Management" as prescribed by a SOCMAR School****

Master Sergeant

19th-22nd Year



SKILL PROGRESSION TRAINING

(ACE Identifier)

ACE

Recommended Credit

- Attend Marine Logistics Education Program (MCLEP)

COMMON SKILLS TRAINING / PME

ACE

Recommended Credit

- Attend the 1stSgt & MSgt seminar
- MCI (8510) Amphibious Warfare School (DEP) Phase I 5 SH (3) Mil Stud (2) Mgmt
(MC-2204-0113)
- MCI (8600) Amphibious Warfare School (DEP) Phase II 5 SH UL (3) Mil Stud (2) Mgmt
(MC-2204-0114)
- Read 2 books per year from the Marine Reading List

BILLET ASSIGNMENT / UNIT TRAINING

- Ordnance Chief with Division, FSSG, I&I, or a Logistics Depot
- Special Duty recommendations: Senior Marine Instructor/Chief Instructor at a formal school,
Maintenance Analyst at Marine Corps Logistics Chain Analysis Team,
Production Chief at
MCCDC or serve as the Occupational Field Monitor
- Unit training should focus on the collective events established in the Training & Readiness
Manual for this specific grade

VOLUNTARY EDUCATION

ACE Recommended Credit

- Continue to apply for Advanced Degree Completion and/or continue to pursue masters degree.

2149 Road Map

Master Gunnery Sergeant



SKILLS PROGRESSION TRAINING ACE Recommended Credit

(ACE Identifier)

COMMON SKILLS TRAINING / PME Recommended Credit

ACE

- Attend the SgtMaj & MGySgt Symposium
- Attend Russell Leadership Conference
- MCI (8800) Command & Staff College (DEP) 18 SH UL/GL (3) International Rel
- Org Mgmt (MC-1408-0025) (3) Mil Stud (3)
- History (3) Theory of War (3) GL Mil
- (3) GL National Security

Read 2 books per year from the Marine Reading List

- Ordnance Chief with MEF, FSSG, Division, FMF Pacific or Atlantic
- Special Duty recommendations: Joint Tour
- Unit training should focus on the collective events established in the Training &

Readiness Manual for this specific grade

VOLUNTARY EDUCATION

- Continue to apply for Advanced Degree Completion and/or continue to pursue masters degree

2149 Road Map

NOTES FOR READING THE ROADMAP

General Information

1. Formal Military Schools and MCIs are listed in "BLACK".

2. Lower Level college courses (Freshmen/Sophomore) are listed in "BLUE".

3. Upper level (UL) college courses (Junior/Senior) are listed in Green.

4. American Council on Education (ACE) identifiers gives college and career counselors a reference to validate the recommended credits. The credits listed in this roadmap are current as of 16 January 2004. Updates to these can be found on-line at:

<http://www.militaryguides.acenet.edu>

Skill Progression

1. In addition to MCIs, and Formal MOS schools, certain MOSs can pass national certification testing: National Institute of Metallurgical Society (NIMS) for machinists, Students Excelling through National Standards of Excellence (SENSE) for welders, Automotive Service Excellence (ASE) for mechanics and technicians, etc...

2. Uniformed Services Military Apprenticeship Program (USMAP) is available to most active duty MOSs and is certified by the U.S. Department of Labor. This would qualify you as a journeyman apprentice which could mean a significantly higher starting salary in the civilian work force.

Common Skills/PME

1. This area covers training which is common to all Marines.

Billet Assignment/Unit Training

1. At division assignments you'll be conducting organizational level maintenance and this will give you a good feel for what it takes to fix equipment with limited time and resources.

2. At FSSG and wing assignments you'll

Voluntary Education

1. The voluntary education listed in the roadmap refers specifically to taking college level courses (MCIs and some PME are also "voluntary").

2. The degree program selected in the roadmap is just an example of one you could pursue. Many others are available through the SOCMAR network and can be found at:

<http://www.soc.aascu.org/socmar/HandbookKM.html>

In selecting the degree program for each MOS, lots of things were taken into consideration (i.e. availability of courses on-line, residency requirements, or other types of correspondence, campus locations, allowable credit transfers from non-traditional learning such as testing (CLEP/DANTES), and experiential learning.

3. Testing can replace the requirement to attend most of the college courses listed in the roadmap. Base education centers offer CLEP and DANTES tests for active duty military at no cost. Study guides for testing for most of the courses are also available at the education centers.

4. ASE exams are also available at the education centers. DANTES will pay for active duty military to take 3 exams per semi-annual year (every 6 months). The tests are offered in the spring and fall of every year and do require, at present, a \$31.00 non-refundable registration fee. ASE exams require documentation of two years experience working in the automotive industry. (LAV, Tank, AAV, engineer, and MT mechanics usually fall in this category and USMAP can help to document this experience).

5. Tuition assistance (T/A) currently pays for 100% of college course tuition.

Students must pay for books and study guides. Tuition rates at most community colleges are much cheaper than for 4 year universities. You should consider taking most of your lower level courses through them as it saves the Marine Corps a tremendous amount of money which can